

Converting Colors

CIELCh(86, 9.457, 355.562)

Have a look what the booklet for
CIELCh(86, 9.457, 355.562) contains.

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Color

CIELCh(86, 9.720, 354.620)

Conversions

Conversions Part 1

Format	Color
Hex	E9D1D9
RGB	233, 209, 217
RGB Percent	91%, 82%, 85%
CMY	0.0860, 0.1801, 0.1487
CMYK	0.00, 0.10, 0.07, 0.09
HSL	340°, 35%, 87%
HSV	340°, 10%, 91%
XYZ	68.9813, 67.9871, 75.1832
YIQ	217.0880, 11.7360, 7.5760

Conversions

Conversions Part 2

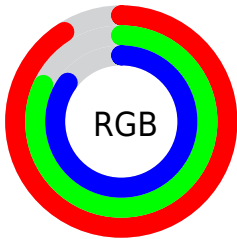
Format	Color
R _Y B	233, 209, 217
Decimal	15323609
CIE Lab	86.00, 9.68, -0.91
CIE LCh	86, 9.720, 354.620
Yxy	67.9871, 0.3252, 0.3205
Android (android.graphics.Color)	4293513689 (0xFFE9D1D9)
YUV	217.0880, -0.0434, 13.9548
Hunter-Lab	82.4543, 5.0382, 3.6564

Details

The CIELCh color $86, 9.720, 354.620$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $90, 9.464, 172.802$, and the grayscale version is $87, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $66, 9.341, 355.851$ is the 20% darker color. If you saturate the color by 10%, you get $80, 19.495, 355.745$, and if you desaturate by 10%, it is $92, 0.279, 351.856$.

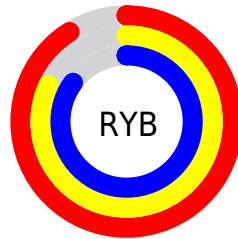
Distribution



Red (91%)

Green (82%)

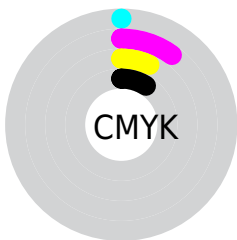
Blue (85%)



Red (91%)

Yellow (82%)

Blue (85%)

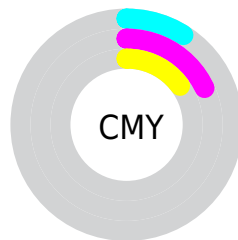


Cyan (0%)

Magenta (10%)

Yellow (7%)

Black (9%)



Cyan (9%)

Magenta (18%)

Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 9.720, 354.620 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 86, 9.720, 354.620 by changing the saturation by 10% instead.

 86, 9.720, 354.620

 86, 9.720, 354.620

 100, 9.720,
354.620

 76, 9.720, 354.620

 66, 9.720, 354.620

 56, 9.720, 354.620

 46, 9.720, 354.620

 36, 9.720, 354.620

 26, 9.720, 354.620

 16, 9.720, 354.620

 6, 9.720, 354.620

 0, 9.720, 354.620

86, 9.720, 354.620

86, 9.720, 354.620

80, 19.495,
355.745

92, 0.279, 351.856

74, 29.505,
357.024

98, 8.399, 174.398

98, 7.496, 199.019

69, 39.555,
358.538

63, 49.347, 0.375

59, 58.471, 2.654

55, 66.450, 5.531

52, 72.873, 9.187

50, 77.607, 13.769

49, 81.071, 18.977

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



86, 9.720, 354.620



90, 9.464, 172.802

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 9.720, 354.620



86, 9.720, 44.620



86, 9.720, 174.620



86, 9.720, 224.620

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



86, 9.718, 354.627



98, 3.006, 353.790



86, 13.879, 315.086



52, 2.282, 353.904



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



86, 9.718, 354.627



92, 12.223, 354.816



87, 7.677, 35.578



46, 5.382, 354.539



38, 66.810, 17.965



7, 27.812, 7.362

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



86, 9.718, 354.627



92, 12.223, 354.816



90, 7.185, 215.906



46, 5.382, 354.539



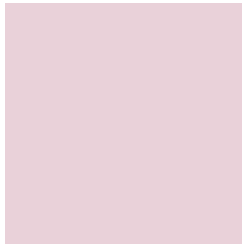
38, 66.810, 17.965



7, 27.812, 7.362

Previews

White Background



This preview shows how the CIELCh color 86, 9.720, 354.620 looks on a white background.

Color Contrast Check

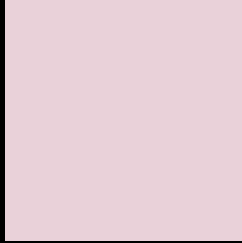
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 86, 9.720, 354.620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

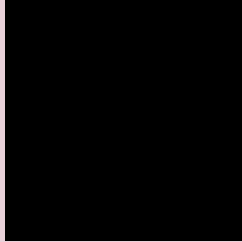
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 9.720, 354.620

Background



This preview shows how black text looks on a background with the CIELCh color 86, 9.720, 354.620.

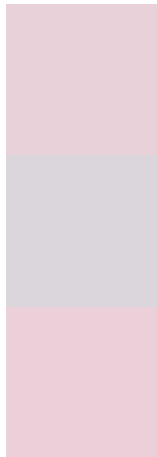


This preview shows how white text looks on a background with the CIELCh color 86, 9.720, 354.620.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

86, 9.720, 354.620

Protanopia

86, 3.483, 314.729

Deuteranopia

86, 10.942, 354.748



Tritanopia
86, 12.616, 338.726

Trichromacy



Original Color
86, 9.720, 354.620

Protanomaly
86, 5.437, 337.262

Deuteranomaly
86, 10.611, 353.852

Tritanomaly
86, 11.656, 344.554

Monochromacy



Original Color
86, 9.720, 354.620

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 3.633, 353.922

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 9.720, 354.620 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(233, 209, 217)` looks like.

```
.text, #text, p{  
    color:rgb(233, 209, 217)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(233, 209, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 209, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 9.720, 354.620 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(233, 209, 217) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(233, 209, 217) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(233, 209, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 209, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 209, 217);  
box-shadow:4px 4px 4px 4px rgb(233, 209,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 9.720, 354.620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 209, 217) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(233,  
209, 217) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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